

ENVIRONMENTAL PROTECTION



Do not dispose of this product with the normal household waste at the end of its life cycle. Return it to a collection point for the recycling of electrical and electronic devices. This is indicated by the symbol on the product, user manual or packaging.

The materials are reusable according to their markings. By reusing, recycling or other forms of utilization of old devices you make an important contribution to the protection of our environment.

Please contact your local authorities for details about collection points.



CAUTION - INVISIBLE LASER RADIATION WHEN OPENING THE COVER OR PRESSING THE SAFETY INTERLOCK. AVOID EXPOSURE TO THE LASER BEAM.

	WARNING Risk of electric shock Do not open!	
Caution: To reduce the risk of electric shock, do not remove the cover (or back). There are no user serviceable parts inside. Refer servicing to qualified service personnel.		



This symbol indicates the presence of dangerous voltage inside the enclosure, sufficient enough to cause electric shock.



This symbol indicates the presence of important operating and maintenance instructions for the device.

Safety, Environmental and Setup Instructions

- Use the device in dry indoor environments only.
- Protect the device from humidity.
- Do not open the device. **RISK OF ELECTRIC SHOCK!** Refer opening and servicing to qualified personnel.
- Connect this device to a properly installed and earthed wall outlet only. Make sure the mains voltage corresponds with the specifications on the rating plate.
- Make sure the mains cable stays dry during operation. Do not pinch or damage the mains cable in any way.
- Disconnect device warning: Main plug is used as the connection, so it should always remain ready operate.
- The mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
- A damaged mains cable or plug must immediately be replaced by an authorized service center.
- In case of lightning, immediately disconnect the device from the mains supply.
- Children should be supervised by parents when using the device.
- Clean the device with a dry cloth only.
Do NOT use CLEANING AGENTS or ABRASIVE CLOTHS!
- Do not expose the device to direct sunlight or other heat sources.
- Install the device at a location with sufficient ventilation in order to prevent heat accumulation.
- Do not cover the ventilation openings!
- The ventilation should not be impeded by covering the ventilation openings with items, such as newspaper, table-cloths, curtains, etc.
- It shall be not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- The unit should not be exposed to direct sunlight, very high or low temperature, moisture, vibrations or placed in dusty environment.
- Never attempt to insert wires, pins or other such objects into the vents or opening of the unit.
- Install the device at a safe and vibration-free location.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- Install the device as far away as possible from computers and microwave units; otherwise radio reception may be disturbed.
- Do not open or repair the enclosure. It is not safe to do so and will void your warranty. Repairs only by authorized service/ customer center.
- The device is equipped with a "Class 1 Laser". Avoid exposure to the laser beam as this could cause eye injuries.
- Only use mercury and cadmium-free batteries.
- Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
- Used batteries are hazardous waste and NOT to be disposed of with the household waste!!! Return the batteries to your dealer or to collection points in your community.
- Keep batteries away from children. Children might swallow batteries. Contact a physician immediately if a battery was swallowed.
- Check your batteries regularly to avoid battery leakage.



Used batteries are hazardous waste and NOT to be disposed of with the household waste! As a consumer you are **legally obligated** to return **all batteries** for environmentally responsible recycling – no matter whether or not the batteries contain harmful substances*).

Return batteries free of charge to public collection points in your community or to shops selling batteries of the respective kind.

Only return fully discharged batteries.

*) marked Cd = cadmium, Hg = mercury, Pb = lead

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Safety Warnings

- Read all the instructions carefully before using the unit and keep them for future reference.
- Retain the manual. If you pass the unit onto a third party make sure to include this manual.
- Check that the voltage marked on the rating label matches your mains voltage.

Dame

- Please inspect the unit for damage after unpacking.
- Do not continue to operate the unit if you are in any doubt about it working normally, or if it is damaged in any way - switch off, withdraw the mains plug and consult your dealer.

Location of Unit

- The unit must be placed on a flat stable surface and should not be subjected to vibrations.
- Do not place the unit on sloped or unstable surfaces as the unit may fall off or tip over.
- The mains socket must be located near the unit and should be easily accessible.

Temperature

- Avoid extreme degrees of temperature, either hot or cold. Place the unit well away from heat sources such as radiators or gas/electric fires.
- Avoid exposure to direct sunlight and other sources of heat.

Naked Flames

- Never place any type of candle or naked flame on the top of or near the unit.

Moisture

- To reduce the risk of fire, electric shock or product damage, do not expose this unit to rain, moisture, dripping or splashing. No objects filled with liquids, such as vases, should be placed on the unit.
- If you spill any liquid into the unit, it can cause serious damages. Switch it off at the mains immediately. Withdraw the mains plug and consult your dealer.

Ventilation

- To prevent the risk of electric shock or fire hazard due to overheating, ensure that curtains and other materials do not obstruct the ventilation vents.
- Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure the unit is well ventilated.

Safety

- Always disconnect the unit from the mains supply before connecting/ disconnecting other devices or moving the unit.
- Unplug the unit from the mains socket before a lightning storm.

Mains Cable

- Make sure the unit or the unit stand is not resting on top of the mains adapter cable, as the weight of the unit may damage the cable and create a safety hazard.
- Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

Interference

- Do not place the unit on or near appliances which may cause electromagnetic interference. If you do, it may adversely affect the operating performance of the unit, and cause a distorted picture or sound.

Batteries

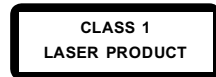
- Batteries used in the remote control for this unit are easily swallowed by young children and this is dangerous.
- Keep loose batteries away from young children and make sure that the battery holder tray is secure in the remote control. Seek medical advice if you believe a cell has been swallowed.
- Please dispose of batteries correctly by following the guidance in this manual.
- Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

Supervision

- Children should be supervised to ensure that they do not play with the unit and the remote control.
- Never let anyone especially children push anything into the holes, slots or any other openings in the case - this could result in a fatal electric shock.

Class 1 Laser Product

- This unit utilises a laser. Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- Before moving the unit, ensure the disc tray is empty.
- Always remove the disc when the unit is not in use.
- Failure to do so will risk severely damaging the disc and the unit.
- Do not stack devices, heat from other devices may affect the performance of the unit.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the unit's enclosure that may be sufficient magnitude to constitute a risk of electric shock.



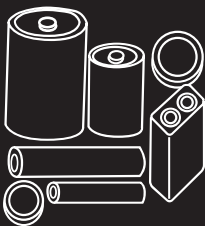
The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the manual accompanying the unit.

Service

- To reduce the risk of electric shock, do not remove screws. The unit does not contain any user-serviceable parts. Please leave all maintenance work to qualified personnel.
- Do not open any fixed covers as this may expose dangerous voltages.

Maintenance

- Ensure the unit is fully unplugged from the power supply before cleaning.
- Do not use any type of abrasive pad or abrasive cleaning solutions as these may damage the unit's surface.
- Do not use liquids to clean the unit.



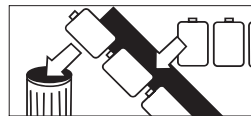
BATTERY SAFETY GUIDELINES

Used correctly, domestic batteries are a safe and dependable source of portable power. Problems can occur if they are misused or abused — resulting in leakage or, in extreme cases, fire or explosion.

Here are some simple guidelines to safe battery use designed to eliminate any such problems.



Take care to fit your batteries correctly, observing the plus and minus marks on the battery and appliance. Incorrect fitting can cause leakage or, in extreme cases, fire or even an explosion.



Replace the whole set of batteries at one time, taking care not to mix old and new batteries or batteries of different types, since this can result in leakage or, in extreme cases, fire or even an explosion.



Store unused batteries in their packaging and away from metal objects which may cause a short-circuit resulting in leakage or, in extreme cases, fire or even an explosion.



Remove dead batteries from equipment and all batteries from equipment you know you are not going to use for a long time. Otherwise the batteries may leak and cause damage.



Never dispose of batteries in fire as this can cause them to explode. Please recycle dead batteries; do not put with the normal household waste.



Never attempt to recharge ordinary batteries, either in a charger or by applying heat to them. They may leak, cause fire or even explode. There are special rechargeable batteries which are clearly marked as such.



Supervise children if they are replacing batteries themselves in order to ensure these guidelines are followed.



Remember that small button cell batteries such as used in some hearing aids, toys, games and other appliances, are easily swallowed by young children and this can be dangerous.



Keep loose button cells away from young children.



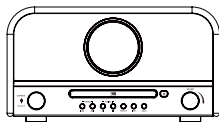
Make sure battery compartments are secure.



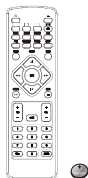
Seek medical advice if you believe a cell has been swallowed.

Pack Contents

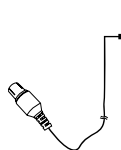
Make sure all of the following contents are included.



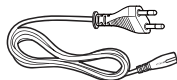
The Unit



Remote Control
(battery included)



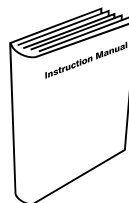
DAB/FM Antenna



AC Power Cord

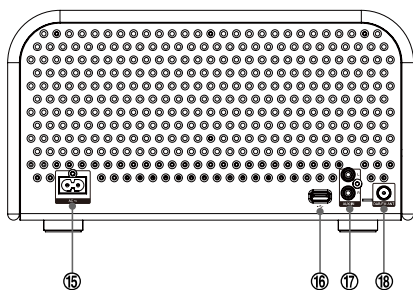
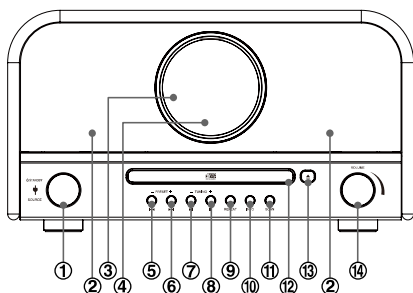


Audio Cable



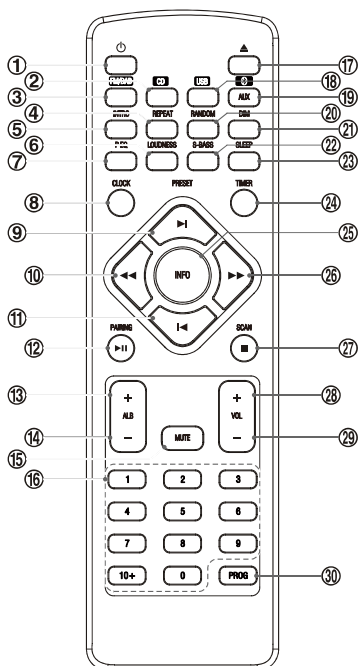
Instruction Manual

Product Overview



1. Standby Button (⏻ **STANDBY**)
Source Knob (**SOURCE**)
2. Speakers
3. LCD Display Lens
4. Remote Sensor
5. Previous Button (⏮)
- Search Backward Button (⏮)
- Preset Down Button (- **PRESET**)
6. Next Button (⏭)
- Search Forward Button (⏭)
- Preset Up Button (**PRESET** +)
7. Play/Pause Button (⏮ ⏭)
- Tuning Backward Button (- **TUNING**)
8. Stop Button (■)
- Tuning Forward Button (**TUNING** +)
- Pairing Cleared Button (■)
9. Repeat Button (**REPEAT**)
10. Information Button (**INFO**)
11. Scan Button (**SCAN**)
12. Disc Tray
13. Open/Close Button (⏮)
14. Volume Control Knob
15. AC Power Socket
16. USB Socket
17. AUX Input Sockets (L&R)
18. DAB/FM Antenna Socket

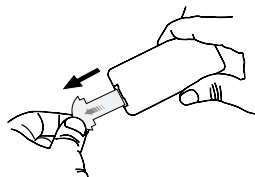
Remote Control Overview



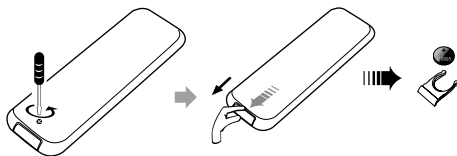
1. Standby Button (⏻)
2. CD Function Button (CD)
3. Tuner Function Button (FM/DAB)
DAB Function Button (FM/DAB)
4. Repeat Button (REPEAT)
5. Intro Button (INTRO)
6. Loudness Button (LOUDNESS)
7. Preset Equalizer Button (P-EQ)
8. Clock Button (CLOCK)
9. Next Button (▶|)
- Preset Up Button (PRESET ▶|)
10. Search Backward Button (◀◀)
Tuning Backward Button (◀◀)
11. Previous Button (◀|)
- Preset Down Button (PRESET ◀|)
12. Play/Pause Button (▶||)
Stereo/mono Select Button (▶||)
Disable the Bluetooth function Button (PAIRING)
13. Album Up Button (ALB +)
14. Album Down Button (ALB -)
15. Mute Button (MUTE)
16. Number Button (0-9, 10+)
17. Open/Close Button (⏮)
18. USB Function Button (USB)
19. Bluetooth Function Button (BT)
- AUX Function Button (AUX)
20. Random Button (RANDOM)
21. Dimmer Button (DIM)
22. Super Bass Button (S-BASS)
23. Sleep Button (SLEEP)
24. Timer Button (TIMER)
25. Information Button (INFO)
RDS information Button (INFO)
26. Search Forward Button (▶▶)
Tuning Forward Button (▶▶)
27. Stop Button (■)
SCAN Button (SCAN)
Pairing Cleared Button (■)
28. Volume Up Button (VOL +)
29. Volume Down Button (VOL -)
30. Program Button (PROG)
Memory Button (PROG)

Installation of Battery

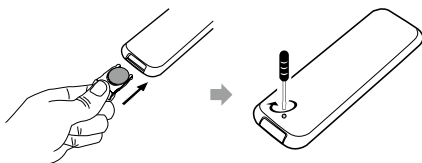
1. Remove the insulating mylar strip from the battery. It is located at the bottom back side of the remote control.



2. Loosen the screw on the battery compartment cover with a screwdriver. Pull out the battery compartment with your fingernails.



3. Replace a new battery (size 2025) correctly and fully insert the battery compartment back to the original position. Tighten the screw with a screwdriver.



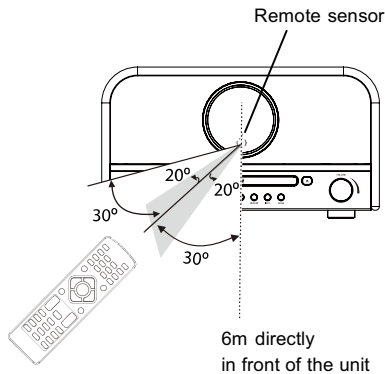
Handling the Remote Control

- Remove the batteries if the remote control is not going to be used for an extended period of time.
- To avoid possible failure, read the following instructions and handle the remote control properly.
- Do not drop or cause impact to the remote control.
- Do not spill water or any liquid on the remote control.
- Do not place the remote control on a wet object.
- Do not place the remote control under the direct sunlight or near sources of excessive heat.
- Do not use caustic cleaners (porcelain, stainless steel, toilet, or oven cleaner etc.) on the remote control, as it may suffer damage.

Note:

Remove the battery from remote control handset when it is not to be used for a long period. Otherwise it can be damaged due to leakage of battery.

Remote Control Operation Range



Point the remote control to the unit no more than 6 meters from the remote control sensor and within 60° horizontally and 20° vertically of the front of the unit. The operating distance may vary according to the brightness of the room.

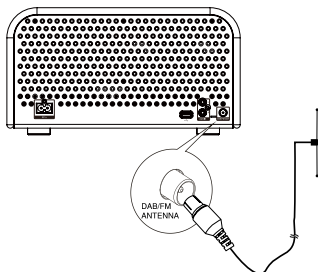
Note:

- Make sure that there is no obstacle between the infrared remote sensor of the unit and remote control. If you install the unit on rack, etc., the remote controllable range may decrease depending on the thickness or colour of glass door of rack.
- Do not expose the infrared remote sensor to direct sunlight or other strong light, such as inverter fluorescent light.

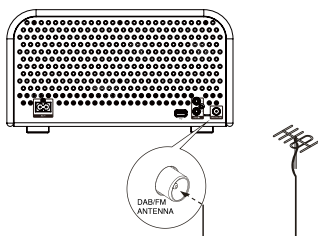
Connections

Caution: Make all connections before plugging the unit into the AC Power outlet.

Connecting the DAB/FM Antenna



1. Connect the supplied DAB/FM Antenna to the DAB/FM Antenna socket on the rear of the unit.



2. If reception is poor, connect the outside antenna.

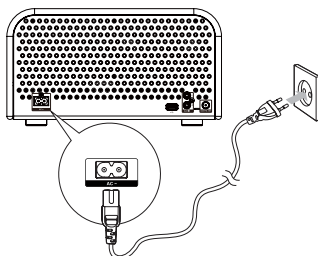
Note:

Before attaching a 75 ohm coaxial lead (the kind with a round wire going to an outside antenna), disconnect the supplied DAB/FM wire antenna.

Caution:

To avoid noise, keep Antenna away from the unit, the connecting cables and the mains cable.

Connecting the AC Power Cord



Connect the AC~ socket on the main unit to power plug to the wall outlet with an AC power cord.

Caution:

- * Be sure to unplug the power plug from the outlet when going out or when the unit is not in use for an extended period of time.

ECO-Power/Clock Mode Features

Switching ON / OFF

When you first connect the unit to the AC power, the unit will be in clock mode.

- Press the **⏻STANDBY** button, the unit switches to the last selected source.
- Press the **⏻STANDBY** button to switch the unit back to clock mode.

Switching the system to ECO Power/Clock mode

Long pressing the **⏻STANDBY** for 2 seconds or more to switch to ECO Power or clock mode.

* **ECO Power mode**

The clock will not be displayed. Press the **CLOCK** button to display the clock on the LCD.

* **Clock mode**

The clock display on the LCD.

Note:

If the unit is idle for more than 15 minutes, it will automatically switch to ECO-Power mode.

Setting the Clock

Setting the Clock Manually

Caution: You can set the clock in standby mode only.

1. In standby mode, long pressing the **CLOCK** button on the remote control for 2 seconds or more to activate the clock setting mode. [24H] or [12H] hour format will blink.
2. Rotate the - **VOLUME** + knob on the unit or press the **VOL +/-** buttons on the remote control to set the 12/24 hour format.
3. Press the **CLOCK** button, hour indicator will blink.
4. Rotate the - **VOLUME** + knob on the unit or press the **VOL +/-** buttons on the remote control to set the hour.
5. Press the **CLOCK** button, minute indicator will blink.
6. Rotate the - **VOLUME** + knob on the unit or press the **VOL +/-** buttons on the remote control to set the minute.
7. Press the **CLOCK** button, the built-in clock starts operating.

Note:

- If no button is pressed in 90 seconds, the unit exits clock setting mode automatically.
- If a power failure occurs or the unit is disconnected from the mains, the clock setting will be lost.

Automatically Synchronizes Clock Time

In DAB/RDS station, the unit can synchronize with time transmitted by DAB/RDS station automatically.

Manual Synchronizes Clock Time

In DAB/RDS station, long pressing **INFO** button for 2 seconds or more to select to CT (clock time). When received and display a correct CT time, then using ◀◀/▶▶ buttons to select "Manual SYMC" and press the ▶|| button to confirm manual synchronizes main unit clock time.

Sound Quality

Adjusting the Volume

To increase or decrease the volume, rotate the - **VOLUME** + knob on the unit or press the **VOL** +/- buttons on the remote control.

Mute sound

You can mute the sound temporarily.

During play, press the **MUTE** button to mute or unmute sound.

Note: If you change the volume or source when the sound is muted, muting is cancelled.

Adjusting the Super Bass

You can reinforce the bass sound to maintain rich, full bass at low volume.

Press the **S-BASS** button on the remote control to get the effect, the "BASS ON" will show in the LCD. Press again to cancel the effect, the "BASS OFF" will show in the LCD.

Controlling the Loudness

This unit has a loudness function, which can automatically increase the bass sound effect at low volume. It can also increase the bass sound effect at high volume, but it will be relatively less when it is at high volume.

Press the **LOUDNESS** button to obtain the loudness function, the "LOUD ON" will show in the LCD. Press again to cancel the effect, the "LOUD OFF" will show in the LCD.

Presetting Equalizer

You can adjust the sound according to the genre of the music your taste.

During play, repeatedly press the **P-EQ** button on the remote control to select your preferred sound mode.

- [FLAT] (FLAT)
- [POP] (pop)
- [JAZZ] (jazz)
- [ROCK] (rock)
- [CLASSIC] (classic)

Changing the Front Panel Darkness

To dim or brighten the display, repeatedly press the **DIM** button on the remote control to the desired brightness.

DAB+ Radio Operation

Caution: Before listening to the radio, please check that the DAB/FM Antenna is correctly connected and adjusted for length and direction.

Store DAB+ radio stations automatically

1. Rotate the **SOURCE** knob on the unit or repeatedly press **FM/DAB** button on the remote control to select DAB source. The word "DAB" will be displayed on the LCD.
2. Press the **SCAN** button to activate automatic program mode. The word "SCANNING" will be displayed on the LCD.
 - If NO DAB service is available, "NO DAB" will be display.
 - All available stations are programmed..
 - The system will store all detected stations at completion of the scanning, the system will turn to a station on the list.

Store DAB+ radio stations manually

1. Tune to a radio station.
2. Press the **PROG** button on the remote control to activate program mode.
3. Repeatedly press the **PRESET +/-** buttons on the unit or **PRESET ►/◄** buttons on the remote control to allocate a number to this radio station.
 - If you select more than 30, the preset number will be changed to "1" automatically.
4. Press the **PROG** button on the remote control again to store the station.
5. Repeat above steps 1 to 4 for each station you want to store in memory with a preset number.

Tuning to a DAB+ radio station

◆ Auto Tuning

Repeatedly press the **TUNING +/-** buttons on the unit or **◀◄/▶▶** buttons on the remote control to change the frequency until you find the station you want.

◆ Manual Tuning

1. Long pressing the **►||** button for 2 seconds or more to enter the manual tuning mode.
2. Press the "**◀◄/▶▶**" buttons on the remote control to select your desired DAB channels backward / forward.
3. Press the **►||** button to confirm and tune to your selected channel.

Tuning to Preset DAB+ Stations

Repeatedly press the **PRESET +/-** buttons on the unit or **PRESET ►/◄** buttons on the remote control until the desired preset station is displayed.

The unit will tune to the selected station automatically.

DAB+ Information Display

You can view the DAB+ service information in the following modes. Depending on the DAB+ radio station you are tuning to, some information modes may be unavailable. Repeatedly press the **INFO** button on the remote control to view the following information.

- **Station Name**

When an RDS station is received, the name of that station will be displayed.

- **Ensemble Name**

This displays the name of the multiplex that contains the station you are listening to. A multiplex is a collection of radio stations that are bundled and transmitted on one frequency. There are national and local multiplexes. Local ones contain stations that are specific to that area.

Note: DAB+ – unlike normal radio, groups together several radio stations and transmits them on one frequency.

- **Clock**

This displays the current time provided automatically by the broadcaster.

- **Date**

This displays the current date provided automatically by the broadcaster.

- **DLS (Dynamic Label Segment)**

Dynamic label segment is a scrolling message that the broadcaster may include with their transmissions. The message usually includes information, such as programme details etc.

- **Signal Strength**

This shows a number to indicate the signal strength which is between 0 and 100, for example 12, 70 or 100. The stronger the signal, the greater the number.

- **Programme Type**

This describes the “style” or “genre” of the programme that is being broadcast.

- **Frequency**

This shows the frequency of the current station.

- **Audio Bit Rate**

The display will show the digital audio bit rate being received.

- **Stereo/Mono**

The display will show if the station being received is in mono or stereo.

FM Radio Operation

Caution: Before listening to the radio, please check that the DAB/FM Antenna is correctly connected and adjusted for length and direction.

Tuning in to a Station

1. Rotate the **SOURCE** knob on the unit or repeatedly press **FM/DAB** button on the remote control to select TUNER source. The word "TUNER" will be displayed on the LCD.
2. Select a station using one of the following methods.

◆ Auto Tuning

Long pressing the **TUNING +/-** buttons on the unit or **◀◀/▶▶** buttons on the remote control for 2 seconds or more, the frequency changes down or up automatically until a station is found.

◆ Manual Tuning

Repeatedly press the **TUNING +/-** buttons on the unit or **◀◀/▶▶** buttons on the remote control to change the frequency until you find the station you want.

◆ Preset Tuning (Available only after the stations are preset)

- Repeatedly press the **PRESET +/-** buttons on the unit or **PRESET ▶/◀** buttons on the remote control to select the desired preset number. Its band and frequency are displayed on the LCD.
- You can also use the **0-9** buttons on the remote control to input a number directly and tune to the band and frequency with this number.
 - * If the number is less than 9, press **0~9** buttons.
 - * If the number is over 9, press **10+** button and press the one of the **0~9** buttons.

Program radio stations

You can program a maximum of 20 preset radio stations (FM).

◆ Automatically

Press the **SCAN** button on the unit or long pressing the **PROG** button on the remote control for 2 seconds or more to activate automatic program mode.

- "AUTO" is displayed on the LCD.
- All available stations are programmed.
- The first programmed radio station is broadcast automatically.

◆ Manually

1. Tune to a radio station.
2. Press the **PROG** button on the remote control to activate program mode. The preset number will blink.
3. Repeatedly press the **PRESET +/-** buttons on the unit or **PRESET ▶/◀** buttons on the remote control to allocate a number to this radio station.
 - If you select more than 20, the preset number will be changed to "1" automatically.
4. Press the **PROG** button on the remote control again to store the station.
5. Repeat above steps 1 to 4 for each station you want to store in memory with a preset number.

Note: If the system is unplugged or if a power failure occurs, the preset stations will not be erased.

To change the FM Reception Mode

Press the ►■ button on the remote control to select the Stereo or Mono channel to receive the best FM reception mode.

RDS (Radio Data System) Reception

Many FM stations are broadcasting added data compatible with RDS (Radio Data System). This radio set offers convenient functions using such data.

Press the **INFO** button repeatedly to select the information that displayed as follows.

- ◆ **Station Name**

When an RDS station is received, the “RDS” and the name of that station will be displayed.

- ◆ **PTY (Programme Type)**

This describes the “Style” or “genre” of music that is being broadcast e.g. “Rock” or “Classical”.

- ◆ **Time**

The broadcaster (Radio station) provides clock and date information automatically so there's no need to manually set this information.

- ◆ **Text**

The broadcaster can include a scrolling text that displays information about the current program.

- ◆ **Frequency**

This shows the frequency of the current station e.g. 95.30MHz.

Disc (audio CDs and MP3/WMA discs) Operation

Disc Playing

1. Rotate the **SOURCE** knob on the unit or directly press **CD** button on the remote control to select DISC source. The word "DISC" will be displayed on the LCD.
2. Press the **▲** button to open the disc door and place the disc on the disc tray (with the printed side up).
3. Press the **▲** button to close the disc door, the unit will read the disc and play it automatically.
Note: If in stop mode, please press the **▶||** button to start playing the disc.
4. Press the **▶||** button to temporarily stop the playing, press the button again, it will continue to play.
5. Press the **■** button to stop the disc playing.

To Skip Search and Play

- ♦ Press the **◀◀** button on the unit or **◀◀** button on the remote control once or more to skip previous one or more tracks on the disc.
- ♦ Press the **▶▶** button on the unit or **▶▶** button on the remote control once or more to skip forward one or more tracks on the disc.

To Search and Play

Press and hold the **◀◀** button or **▶▶** button on the remote control to search for the position that you intend to start playing.

Text Display During Playback

♦ For audio CDs

Repeatedly press the **INFO** button to show the current track number and single elapsed time, or single remain time or total track number and total remain time.

♦ For MP3/WMA Discs

Press the **INFO** button on the remote control, ID3 information (song title and artist) will be displayed or "NO ID3" if there is no ID3 information. Press this button again, album, track and playing time will be displayed.

Programme Play (For audio CDs and MP3/WMA discs)

You can programme up to 20 tracks to play in any desired order.

1. Insert a disc and press the **■** button when it starts playing.
2. Long pressing the **PROG** button on the remote control for 2 seconds or more, the LCD will display "001 P--01".
3. Press the **0-9** buttons on the remote control to select the desired track number.
 - The track number 8, LCD display "008 P--01".
4. Long pressing the **PROG** button on the remote control for 2 seconds or more to confirm the track number to be stored.
 - The track number 8, LCD display "008 P--02".
5. Repeat steps 3-4 to select and store all desired tracks.

6. Press the ►|| button to start programme play.
7. Press the ■ button once to stop the programme play. Press the ■ button twice to clear programme.

Playing the Beginning (Intro) of each Track

Press the **INTRO** button on the remote control to play the beginning of each track consecutively. The playing time of each track is 10 seconds.

When you hear the desired track, press the ►|| button twice.

Random Play

The CD can be played randomly.

Random play begins by pressing the **RANDOM** button on the remote control.

To Select Album (For MP3/WMA discs)

- Press the **ALB+/-** buttons on the remote control to select the next/previous album and play the first track of this album.
- If the playing has ended, press the **ALB+/-** button on the remote control to select the next/previous album.

Playing Repeatedly

- ♦ During play, repeatedly press the **REPEAT** button on the remote control to select:

For audio CDs

- **RPT ONE** : The current track is played repeatedly.
- **RPT ALL** : All tracks are played repeatedly.
- **RPT OFF** : To cancel the repeat playing.

For MP3/WMA Discs

- **REP ONE** : The current track is played repeatedly.
- **REP ALB** : All tracks in album are played repeatedly .
- **REP ALL** : All tracks are played repeatedly.
- **RPT OFF** : To cancel the repeat playing.

- ♦ You can also operate the key “**REPEAT**” on the panel of unit.

For audio CDs

- **RPT ONE** : The current track is played repeatedly.
- **RPT ALL** : All tracks are played repeatedly.
- **SHUF ON** : All tracks are played in a random sequence.
- **SHUF OFF** : To return to normal play.

For MP3/WMA Discs

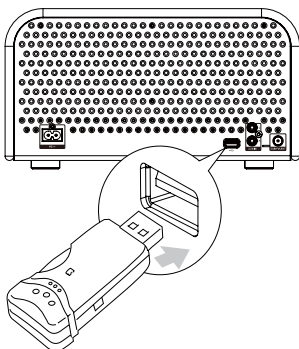
- **REP ONE** : The current track is played repeatedly.
- **REP ALB** : All tracks in album are played repeatedly .
- **REP ALL** : All tracks are played repeatedly.
- **SHUF ON** : All tracks are played in a random sequence.
- **SHUF OFF** : To return to normal play.

Use the USB

Caution:

Do not use a high-capacity USB hard disks. Only USB flash memory can be used.

By connecting an USB mass storage device (including USB flash memory, USB flash players or memory cards) to this unit, you can enjoy the device's stored music through the unit.



1. Insert the USB device's USB plug into the  socket on the rear of the unit.
2. Rotate the **SOURCE** knob on the unit or directly press **USB** button on the remote control to select USB source. The word "USB" will be displayed on the LCD.
3. The device's stored music will be played automatically.
4. When you store more than one folder in the USB flash, use the **ALB+/-** button on the remote control to select the next/previous folder. Then choose the track with the **II<</>>II** button on the unit or **I</>I** button on the remote control to play the folder.

For devices with USB Cables:

1. Insert one plug of the USB cable (not supplied) to the  socket on the unit.
2. Insert the other plug of the USB cable to the USB output terminal of the USB device.

For memory Cards:

1. Insert the memory card into a card reader (not supplied).
2. Use a USB cable (not supplied) to connect the card reader into the  socket on the unit.

Play from Bluetooth device

Note:

- * Pairing needs only to be done once. The operational range is approximately 10 meters.
- * Compatibility with all Bluetooth devices is not guaranteed.
- * Any obstacle can reduce the operational range.

1. Rotate the **SOURCE** knob on the unit or repeatedly press **■**/AUX button on the remote control to select Bluetooth source. The word "BT" will be displayed on the LCD.
2. Activate the Bluetooth function in your Bluetooth device (see the device user manual).
3. Select "NR850" or "NR850WE" on your device for pairing.
 - For elder devices, you need to input "0000" as pairing password.
4. Start music play on your Bluetooth device, you can use this unit to control the function to your Bluetooth device.
 - To pause/resume play, press **▶||**.
 - To skip to a track, press **▶/|◀**.
 - To increase or decrease the volume, press **VOL +/-**.
5. Long pressing the **PAIRING** button for 2 seconds or more to disable the function from your Bluetooth device.
6. Long pressing the **■** button for 2 seconds or more to clear Bluetooth pairing history.

Note:

- * The device will also be disconnected when the device is moved beyond the operation range.
- * If you want to reconnect the device to the unit, place it within the operational range.
- ~~unit~~ supports A2DP (Advanced Audio Distribution Profile).

Setting the Sleep Timer

When the unit is turned on, repeatedly press the **SLEEP** button to select a set period of time (in minutes):

- [SLEEP 120]
- [SLEEP 90]
- [SLEEP 60]
- [SLEEP 30]
- [SLEEP 15]

When sleep timer is activated, the "zZ" is displayed.

To deactivate sleep timer

When the unit is turned on, repeatedly press the **SLEEP** button until "SLEEP OFF" is displayed, the "zZ" is disappears.

Set the alarm timer

This unit can be used as an alarm clock. You can select DISC, TUNER, USB or DAB as the alarm source.

Caution: Make sure that you have set the clock correctly.

1. In standby mode, long pressing the **TIMER** button on the remote control for 2 seconds or more, the “” will blink and the source is displayed, e.g. DISC.
2. Rotate the - **VOLUME** + knob on the unit or press the **VOL +/-** buttons on the remote control to select a source (DISC, USB, TUNER or DAB).
3. Press the **TIMER** button, the hour indicator will blink.
4. Rotate the - **VOLUME** + knob on the unit or press the **VOL +/-** buttons on the remote control to set the hour.
5. Press the **TIMER** button, the minute indicator will blink.
6. Repeat steps 4-5 to set the minute, and adjust volume.

Note:

- * If disc/USB source is selected and the audio cannot be played, TUNER is activated automatically.
- * If no button is pressed in 90 seconds, the unit exits timer setting mode automatically.

To deactivate or re-activate an alarm timer

Repeatedly press the **TIMER** button to activate or deactivate timer.

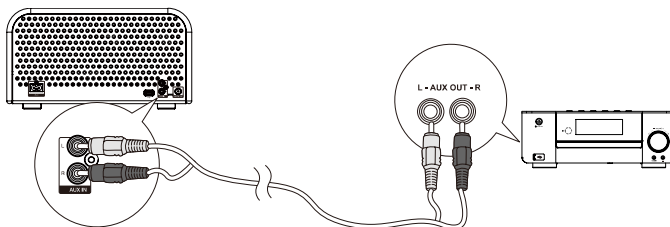
- If timer is activated, “” is displayed.

Listen to an external device

You can listen to an external device through this unit with an audio cable.

Connecting Auxiliary Equipment

1. Connect the AUX Input terminals on the rear of the unit to the AUX output terminals on the auxiliary equipment with an audio cable illustrated below.



2. Rotate the **SOURCE** knob on the unit or repeatedly press /**AUX** button on the remote control to select auxiliary equipment source. The word “AUX” will be displayed on the LCD.
3. Start to play the external device (see the user manual of the external device).

Specifications

Power Requirements	:	AC 220-240V 50/60Hz
FM Tuning Range	:	87.5 - 108 MHz
DAB+ Frequency Range (band III)	:	174.928 - 239.200 MHz
Power Consumption	:	18W
Output Power	:	5W x 2
THD	:	≤ 1%
USB Port	:	DC 5V, 1A
USB Memorization capability	:	Maximum 32GB
Speaker Impedance	:	4Ω
Speaker Input Power	:	5W
Dimensions	:	310(W) x 169(H) x 224(D) mm

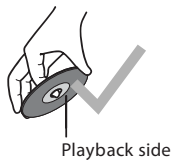
Maintenance

Cleaning the Unit

Note: Ensure the unit is fully unplugged from the mains socket before cleaning.

- To clean the unit, wipe the case with a slightly moist, lint-free cloth.
- Do not use any cleaning fluids containing alcohol, ammonia or abrasives.
- Do not spray an aerosol at or near the unit.

Handling Discs



- Do not touch the playback side of the disc.
- Do not attach paper or tape to the disc.

Cleaning Discs



- Fingerprints and dust on the disc cause picture and sound deterioration. Wipe the disc from the centre outwards with a soft cloth. Always keep the disc clean.

- If you cannot wipe off the dust with a soft cloth, wipe the disc lightly with a slightly moistened cloth and finish with a dry cloth.
- Do not use any type of solvent such as thinner, benzene, commercially available cleaners or antistatic spray. They may damage the disc.

Storing Discs

- Do not store discs in places subjected to direct sunlight or near heat sources.
- Do not store discs in places subjected to moisture and dust such as a bathroom or near a humidifier.
- Storing discs vertically in a case, stacking discs or placing objects on discs outside of their cases may cause warping.

Troubleshooting

If you are having a problem with your unit, check this list for a possible solution before calling for service.

If you cannot solve the problem from the hints given here, or the unit has been physically damaged, call a qualified person, such as your dealer, for service.

No power

- Ensure that the AC adaptor plug of the unit is connected properly.
- Ensure that there is power at the AC outlet.
- To save power, the unit switches to standby automatically 15 minutes after a play reaches the end and no control is operated.

- Check if the disc is inserted with the print side facing inward.
- Wait until the moisture condensation at the lens has cleared.
- Replace or clean the disc.
- Use a finalized CD or correct format disc.

Remote control does not work

- Before pressing any function button, first select the correct source with the remote control instead of the main unit.
- Reduce the distance between the remote control and the unit.
- Insert the battery with its polarities (+/- signs) aligned as indicated.
- Replace the batteries.
- Aim the remote control directly at the sensor on the front of the unit.

No sound or poor sound

- Adjust the volume.
- Check that the speakers are connected correctly.
- Check if the stripped speaker wires are clamped.

Disc does not play

- Insert a readable disc and ensure that the label side faces up.
- Check for any scratches or smudges on the disc.
- Moisture has condensed inside the system. Remove the disc and leave the system turned on for about an hour. Disconnect and reconnect the AC power plug, and then turn on the system again.

No disc detected

- Insert a disc.

- As a power-saving feature, the system turns off automatically 15 minutes after disc play reaches the end and no control is operated.

Poor radio reception

- Fully extend and adjust the DAB/FM antenna.

Cannot display some files in USB device

- The number of folders or files in the USB device has exceeded a certain limit. This phenomenon is not a malfunction.
- The formats of these files are not supported.

USB device not supported

- The USB device is incompatible with the unit. Try another one.

Music playback is unavailable on this unit even after successful Bluetooth connection.

- The device cannot be used to play music through this unit wirelessly.

The audio quality is poor after connection with a Bluetooth-enabled device.

- The Bluetooth reception is poor. Move the device closer to this unit or remove any obstacle between them.

Cannot connect with this unit.

- The device does not support the profiles required for this unit.
- The Bluetooth function of the device is not enabled. Refer to the user manual of the device to find out how to enable the function.
- This unit is not in pairing mode.
- This unit is already connected with another Bluetooth-enabled device. Disconnect that device and then try again.

Timer does not work

- Set the clock correctly.
- Switch on the timer.

Clock/timer setting erased

- Power has been interrupted or the power cord has been disconnected.
- Reset the clock/timer.



The symbol on the product or its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

For more information about where you can drop off your waste for recycling, please contact your local authority, or where you purchased your product.

Notes for battery disposal

The batteries used with this product contain chemicals that are harmful to the environment. To preserve our environment, dispose of used batteries according to your local laws or regulations. Do not dispose of batteries with normal household waste.

For more information, please contact the local authority or your retailer where you purchased the product.